

National Climatic Data Center

DATA DOCUMENTATION

FOR

DATASET 3517 (DSI-3517)

Global AVHRR 10-Day Composites

February 9, 2004

National Climatic Data Center
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1. **Abstract:** The global land 1-km data set project represents an international effort to acquire, archive, process, and distribute 1-km AVHRR data of the entire global land surface in order to meet the needs of the international science community. A network of 29 high resolution picture transmission (HRPT) stations, along with data recorded by the National Oceanic and Atmospheric Administration (NOAA), has been acquiring daily global land coverage since 1 April, 1992. A data set of over 40,000 AVHRR images has been archived and made available for distribution by the United States Geological Survey, EROS Data Center and the European Space Agency.

Under the guidance of the International Geosphere Biosphere Programme, processing standards for the AVHRR data have been developed for calibration, atmospheric correction, geometric registration, and the production of global 10-day maximum normalized difference vegetation index (NDVI) composites. The major uses of the composites are related to the study of surface vegetation cover.

2. **Element Names and Definitions:**

More information can be found here:

<http://edcdaac.usgs.gov/1KM/1kmhomepage.asp>

3. **Start Date:** 19920401

4. **Stop Date:** 19920610

5. **Coverage:**

- a. Southernmost Latitude: -90.0S
- b. Northernmost Latitude: 90.0N
- c. Westernmost Longitude: -180.0W
- d. Easternmost Longitude: 180.0E

6. **How to Order Data:**

Ask NCDC's Climate Services about the cost of obtaining this data set.
Phone: 828-271-4800
FAX: 828-271-4876
E-mail: NCDC.Orders@noaa.gov

7. **Archiving Data Center:**

Archive Branch
National Climatic Data Center
151 Patton Avenue
Asheville, NC 28801

8. **Technical Contact:**

National Climatic Data Center

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151 Patton Avenue
Asheville, NC 28801

9. Known Uncorrected Problems: None.
10. Quality Statement:
11. Essential Companion Datasets:
12. References: